

Converting Colors

Hex(040485)

Have a look what the booklet for
Hex(040485) contains.

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Color

Hex(040485)

Conversions

Conversions Part 1

Format	Color
Hex	040485
RGB	4, 4, 133
RGB Percent	2%, 2%, 52%
CMY	0.9843, 0.9843, 0.4784
CMYK	0.97, 0.97, 0.00, 0.48
HSL	240°, 94%, 27%
HSV	240°, 97%, 52%
XYZ	4.3271, 1.8061, 22.3108
YIQ	18.7060, -41.4090, 40.1190

Conversions

Conversions Part 2

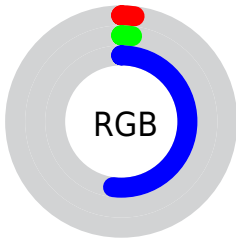
Format	Color
RYB	4, 4, 133
Decimal	263301
CIELab	14.43, 47.35, -65.44
CIELCh	14, 80.770, 305.890
Yxy	1.8061, 0.1521, 0.0635
Android (android.graphics.Color)	4278453381 (0xFF040485)
YUV	18.7060, 56.3469, -12.8972
Hunter-Lab	13.4391, 33.9549, -89.0224

Details

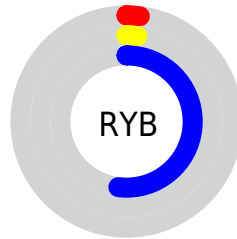
The Hex color **040485** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **858504**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5536BC**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **000085**, and if you desaturate by 10%, it is **111185**.

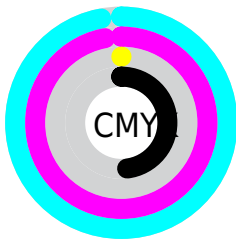
Distribution



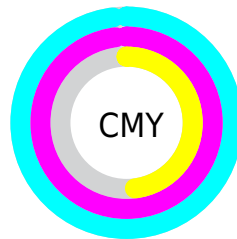
- Red (2%)
- Green (2%)
- Blue (52%)



- Red (2%)
- Yellow (2%)
- Blue (52%)



- Cyan (97%)
- Magenta (97%)
- Yellow (0%)
- Black (48%)



- Cyan (98%)
- Magenta (98%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040485 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 040485 by changing the saturation by 10% instead.

 040485

 040485

 FFF0FF

 00006B

 5536BC

 000052

 734FD8

 00053A

 9068F5

 000223

 AD82FF

 00000A

 CB9CFF

 000000

 E8B8FF

 FFD4FF

 040485

 040485

■ 000085

■ 111185

■ 1F1F85

■ 2C2C85

■ 393985

■ 474785

■ 545485

■ 616185

■ 6E6E85

■ 7C7C85

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



002E9C



040485



690055

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



040485



510400



00352F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



040485



858504

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003400



040485



242700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



040485



6F0000



003100



003868

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



040485



79002F



003100



00341B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



040485



7B7BAD



048585



383857



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



040485



0000AD



450485



3C3C42



000082



000003

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



850485



AD00AD



458504



423C42



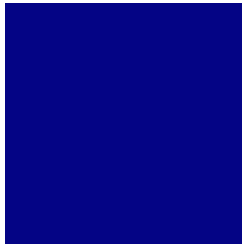
820082



030003

Previews

White Background



This preview shows how the Hex color 040485 looks on a white background.

Color Contrast Check

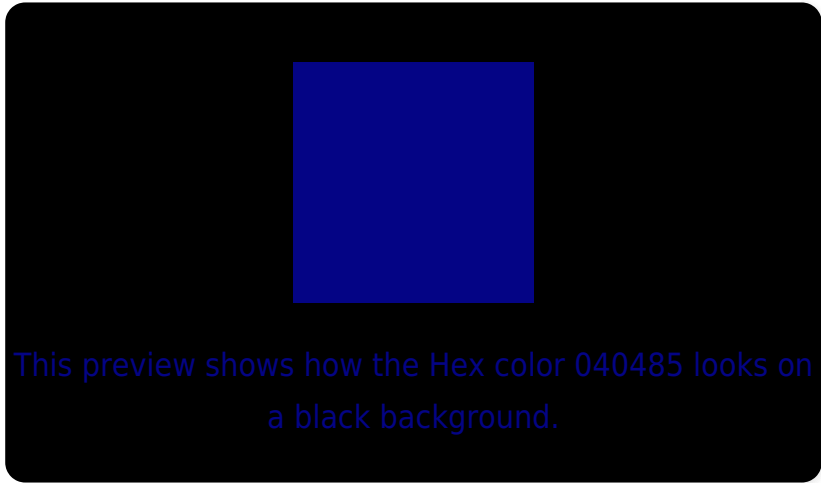
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

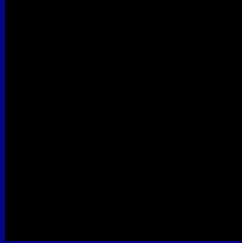
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 040485 Background



This preview shows how black text looks on a background with the Hex color 040485.



This preview shows how white text looks on a background with the Hex color 040485.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
040485

Protanopia
002752

Deuteranopia
002A45



Tritanopia
002D2F

Trichromacy



Original Color
040485

Protanomaly
011A65

Deuteranomaly
011C5C

Tritanomaly
011E4E

Monochromacy



Original Color
040485

Achromatopsia
131313

Achromatomaly
0E0E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 040485 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #040485 looks like.

```
.text, #text, p{  
    color:#040485  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #040485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040485
}
```

Border

The CSS property to change the border of an element to Hex 040485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

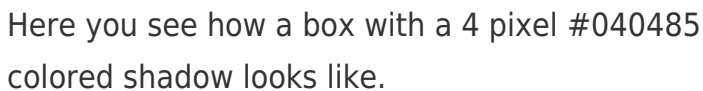
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040485 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#040485 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #040485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040485; -webkit-box-shadow:4px 4px  
4px 4px #040485; box-shadow:4px 4px 4px  
4px #040485 }
```

Background

The CSS property to change the background color of an element to Hex 040485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040485 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#040485 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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